

ABSTRACT

The invention provides a link writing method for a recordable compact disk (CD-R) and a driver for using the method. The link writing method includes the steps of "recording a writing interruption address", and "enabling a succeeding writing process" when the causes resulting in the writing interruption is eliminated. The step of "enabling a succeeding writing process" includes the steps of "searching the linking area" and "enabling a start writing signal and activating a laser power". The purpose of the invention is to accurately link the succeeding writing area with the written interrupted area to keep the length of the data frame consistent without causing errors on data reading. The linking area is positioned either by counting the values of the interrupted block, the interrupted data frame, and the interrupted bit count or by detecting a blank area. Due to that the data frame length is kept constant, such as 588T, during linking area, this can be treated as non-interrupted recording area and will not appear decoding error during reading cycle.